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 TITLE: .alpha.-1,4-Glucan chain-containing polysaccharides  
 and their manufacture  
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AB Polysaccharides with reduced polydispersity, useful as drug tablet fillers, are manufd. by subjecting a glucosyl group acceptor, e.g., glycogen or **dextrin** to chain extension reaction with sucrose in the presence of an **amylosucrase**. The mol. ratio of the chain end groups available for the chain extension reaction to sucrose is at least 1:1000 and the wt. ratio of those groups to sucrose is at least 1:50. The process is useful for regulating the mol. wt. in the manuf. of polysaccharides.